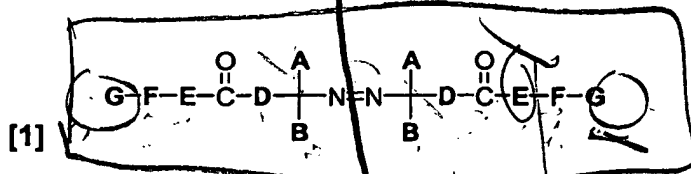


We claim:

1. A dual function UV absorber selected from the group consisting of



where:

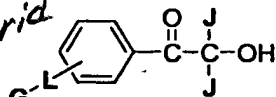
- A is $-\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$. \rightarrow "CH₂"
- B is $-\text{CN}$, $-\text{CO}_2\text{H}$, $-\text{COH}$, $-\text{COCH}_3$, $-\text{CO}_2\text{CH}_3$, $-\text{SO}_3\text{H}$, $-\text{CF}_3$, or $-\text{NO}_2$ when D is $(\text{CH}_2)_n$, and $-\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$ when D is nothing.
- D is nothing or $(\text{CH}_2)_n$, $n = 1-10$
- E is O or NH, NCH_3 , or NCH_2CH_3
- F is nothing, $(\text{CH}_2)_x$ or $(\text{CH}_2\text{CH}_2\text{O})_x\text{CH}_2\text{CH}_2$ where $x = 1-10$.
- G is $-\text{R}$, $-\text{OR}$, $-\text{NHR}$, $-\text{NRR}'$, $-\text{CO}_2\text{R}$, or $-\text{COR}$, where R = a benzotriazole or benzophenone UV absorber, and $\text{R}' = -\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$;

proviso

333.4/5, 18 = rid

46.150.18 = rid

[2]

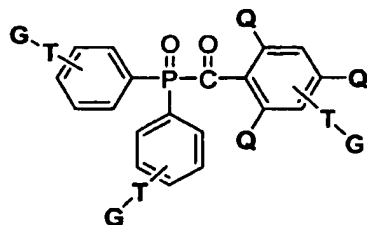


where:

- J is CH_3 or CH_2CH_3 .
- L is nothing, $(\text{CH}_2)_y$ or $(\text{CH}_2\text{CH}_2\text{O})_y$ where $y = 1-10$.
- G is $-\text{R}$, $-\text{OR}$, $-\text{NHR}$, $-\text{NRR}'$, $-\text{CO}_2\text{R}$, or $-\text{COR}$, where R = a benzotriazole or benzophenone UV absorber, and $\text{R}' = -\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$;

CH₂-

[3]

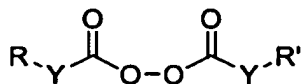


where Q is -H, -CH₃, -CH₂CH₃, -CH(CH₃)CH₃, or -C(CH₃)₃.

T is nothing, -(CH₂)_z, or -(OCH₂CH₂)_z, where z = 1 - 10

G is -R, -OR, -NHR, -NRR', -CO₂R, or -COR, where R = a benzotriazole or benzophenone UV absorber, and R' = -CH₃ or -CH₂CH₃;

[4]



where Y = nothing or O; R = a benzotriazole or benzophenone UV absorber;

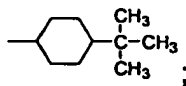
R' = a benzotriazole or benzophenone UV absorber; -(CH₂)_nH (n = 1-18); -

CH(CH₃)CH₃; -C(CH₃)₃; -C₆H₅; -CH(CH₃)CH₂CH₃; -C(CH₃)₂CH₂C(CH₃)₃; -

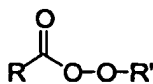
C(CH₃)₂(CH₂)₄H; -C(CH₂CH₃)₂(CH₂)₄H; -C(CH₃)₂(CH₂)₅H; -

C(CH₂CH₃)₂(CH₂)₅H; -C(CH₃)₂(CH₂)₆H; -C(CH₂CH₃)₂(CH₂)₆H; -

CH₂CH(CH₂CH₃)(CH₂)₄H; or



[5]



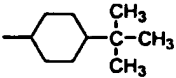
where R = a benzotriazole or benzophenone UV absorber; R' = a

benzotriazole or benzophenone UV absorber; -(CH₂)_nH (n = 1-18); -

CH(CH₃)CH₃; -C(CH₃)₃; -C₆H₅; -CH(CH₃)CH₂CH₃; -C(CH₃)₂CH₂C(CH₃)₃; -

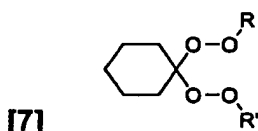
C(CH₃)₂(CH₂)₄H; -C(CH₂CH₃)₂(CH₂)₄H; -C(CH₃)₂(CH₂)₅H; -

$C(CH_2CH_3)_2(CH_2)_5H$; $-C(CH_3)_2(CH_2)_6H$; $-C(CH_2CH_3)_2(CH_2)_6H$; -

$CH_2CH(CH_2CH_3)(CH_2)_4H$; $-C(CH_3)_2C_6H_5$; or  ;

5 [6] R-O-O-R

where R = a benzotriazole or benzophenone UV absorber; R' = H, a benzotriazole or benzophenone UV absorber; $-(CH_2)_nH$ (n = 1-18); -
 $CH(CH_3)CH_3$; $-C(CH_3)_3$; $-CH(CH_3)CH_2CH_3$; $-C(CH_3)_2CH_2C(CH_3)_3$; -
 10 $C(CH_3)_2(CH_2)_4H$; $-C(CH_2CH_3)_2(CH_2)_4H$; $-C(CH_3)_2(CH_2)_5H$; -
 $C(CH_2CH_3)_2(CH_2)_5H$; $-C(CH_3)_2(CH_2)_6H$; $-C(CH_2CH_3)_2(CH_2)_6H$; -
 $CH_2CH(CH_2CH_3)(CH_2)_4H$; or $-C(CH_3)_2C_6H_5$; and



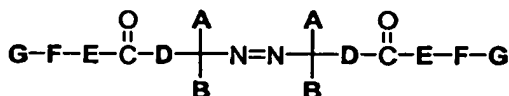
15

where R = a benzotriazole or benzophenone UV absorber;

R' = H; a benzotriazole or benzophenone UV absorber; $(CH_2)_nH$ (n = 1-
 18); $CH(CH_3)CH_3$; $C(CH_3)_3$; $CH(CH_3)CH_2CH_3$; $C(CH_3)_2CH_2C(CH_3)_3$;
 $C(CH_3)_2(CH_2)_4H$; $C(CH_2CH_3)_2(CH_2)_4H$; $C(CH_3)_2(CH_2)_5H$; $C(CH_2CH_3)_2(CH_2)_5H$;
 20 $C(CH_3)_2(CH_2)_6H$; $C(CH_2CH_3)_2(CH_2)_6H$; $CH_2CH(CH_2CH_3)(CH_2)_4H$; or
 $C(CH_3)_2C_6H_5$.

25

2. The dual function UV absorber of Claim 1 wherein the UV absorber has the formula:



where:

A is $-\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$.

B is $-\text{CN}$, $-\text{CO}_2\text{H}$, $-\text{COH}$, $-\text{COCH}_3$, $-\text{CO}_2\text{CH}_3$, $-\text{SO}_3\text{H}$, $-\text{CF}_3$, or $-\text{NO}_2$ when D is $(\text{CH}_2)_n$, and $-\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$ when D is nothing.

D is nothing or $(\text{CH}_2)_n$, $n = 1-10$

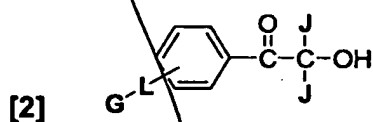
5 E is O or NH, NCH_3 , or NCH_2CH_3

F is nothing, $(\text{CH}_2)_x$ or $(\text{CH}_2\text{CH}_2\text{O})_x\text{CH}_2\text{CH}_2$ where $x = 1-10$.

G is $-\text{R}$, $-\text{OR}$, $-\text{NHR}$, $-\text{NRR}'$, $-\text{CO}_2\text{R}$, or $-\text{COR}$, where R = a benzotriazole or benzophenone UV absorber, and $\text{R}' = -\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$.

10

3. The dual function UV absorber of Claim 1 wherein the UV absorber has the formula:



15

where:

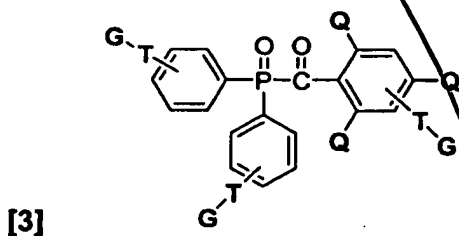
J is CH_3 or CH_2CH_3 .

L is nothing, $(\text{CH}_2)_y$ or $(\text{CH}_2\text{CH}_2\text{O})_y$ where $y = 1-10$.

20 G is $-\text{R}$, $-\text{OR}$, $-\text{NHR}$, $-\text{NRR}'$, $-\text{CO}_2\text{R}$, or $-\text{COR}$, where R = a benzotriazole or benzophenone UV absorber, and $\text{R}' = -\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$.

4. The dual function UV absorber of Claim 1 wherein the UV absorber has the formula:

25



16

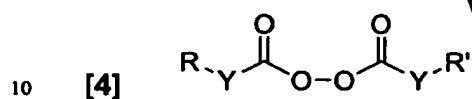
where Q is -H, -CH₃, -CH₂CH₃, -CH(CH₃)CH₃, or -C(CH₃)₃.

T is nothing, -(CH₂)_z, or -(OCH₂CH₂)_z, where z = 1 – 10

G is -R, -OR, -NHR, -NRR', -CO₂R, or -COR, where R = a benzotriazole or benzophenone UV absorber, and R' = -CH₃ or -CH₂CH₃.

5

5. The dual function UV absorber of Claim 1 wherein the UV absorber has the formula:



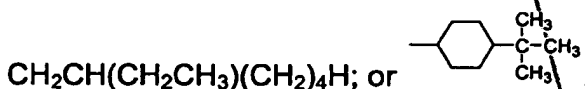
where Y = nothing or O; R = a benzotriazole or benzophenone UV absorber;

R' = a benzotriazole or benzophenone UV absorber; -(CH₂)_nH (n = 1-18); -

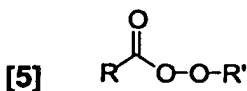
CH(CH₃)CH₃; -C(CH₃)₃; -C₆H₅; -CH(CH₃)CH₂CH₃; -C(CH₃)₂CH₂C(CH₃)₃; -

15 C(CH₃)₂(CH₂)₄H; -C(CH₂CH₃)₂(CH₂)₄H; -C(CH₃)₂(CH₂)₅H; -

C(CH₂CH₃)₂(CH₂)₅H; -C(CH₃)₂(CH₂)₆H; -C(CH₂CH₃)₂(CH₂)₆H; -



20 6. The dual function UV absorber of Claim 1 wherein the UV absorber has the formula:



25 where R = a benzotriazole or benzophenone UV absorber; R' = a

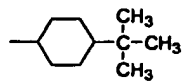
benzotriazole or benzophenone UV absorber; -(CH₂)_nH (n = 1-18); -

CH(CH₃)CH₃; -C(CH₃)₃; -C₆H₅; -CH(CH₃)CH₂CH₃; -C(CH₃)₂CH₂C(CH₃)₃; -

C(CH₃)₂(CH₂)₄H; -C(CH₂CH₃)₂(CH₂)₄H; -C(CH₃)₂(CH₂)₅H; -

$C(CH_2CH_3)_2(CH_2)_5H$; $-C(CH_3)_2(CH_2)_6H$; $-C(CH_2CH_3)_2(CH_2)_6H$; -

$CH_2CH(CH_2CH_3)(CH_2)_4H$; $-C(CH_3)_2C_6H_5$; or

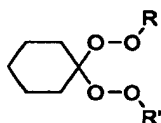


7. The dual function UV absorber of Claim 1 wherein the UV absorber has the formula:

[6] $R-O-O-R$

where R = a benzotriazole or benzophenone UV absorber; R' = H, a benzotriazole or benzophenone UV absorber; $-(CH_2)_nH$ (n = 1-18); $-CH(CH_3)CH_3$; $-C(CH_3)_3$; $-CH(CH_3)CH_2CH_3$; $-C(CH_3)_2CH_2C(CH_3)_3$; $-C(CH_3)_2(CH_2)_4H$; $-C(CH_2CH_3)_2(CH_2)_4H$; $-C(CH_3)_2(CH_2)_5H$; $-C(CH_2CH_3)_2(CH_2)_5H$; $-C(CH_3)_2(CH_2)_6H$; $-C(CH_2CH_3)_2(CH_2)_6H$; $CH_2CH(CH_2CH_3)(CH_2)_4H$; or $-C(CH_3)_2C_6H_5$.

8. The dual function UV absorber of Claim 1 wherein the UV absorber has the formula:



[7]

where R = a benzotriazole or benzophenone UV absorber;

R' = H; a benzotriazole or benzophenone UV absorber; $(CH_2)_nH$ (n = 1-18); $CH(CH_3)CH_3$; $C(CH_3)_3$; $CH(CH_3)CH_2CH_3$; $C(CH_3)_2CH_2C(CH_3)_3$; $C(CH_3)_2(CH_2)_4H$; $C(CH_2CH_3)_2(CH_2)_4H$; $C(CH_3)_2(CH_2)_5H$; $C(CH_2CH_3)_2(CH_2)_5H$; $C(CH_3)_2(CH_2)_6H$; $C(CH_2CH_3)_2(CH_2)_6H$; $CH_2CH(CH_2CH_3)(CH_2)_4H$; or $C(CH_3)_2C_6H_5$.

9. An ophthalmic lens material comprising a dual function UV absorber of

Claim 1

10. The ophthalmic lens material of Claim 9 wherein the dual function UV absorber is present in the ophthalmic lens material in an amount of 1 – 5 % (w/w).